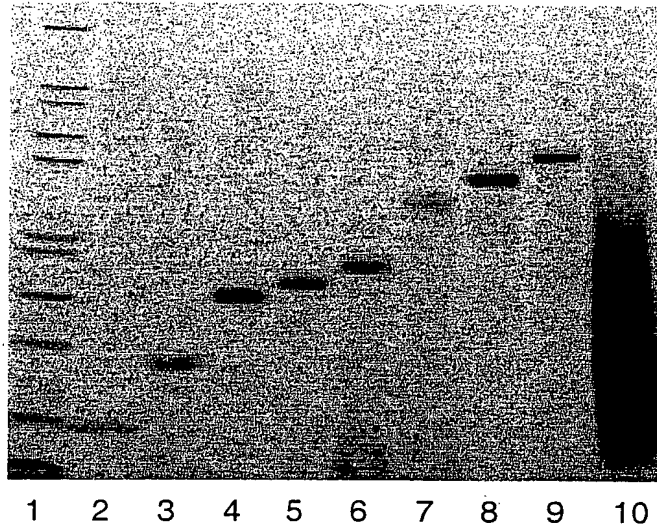




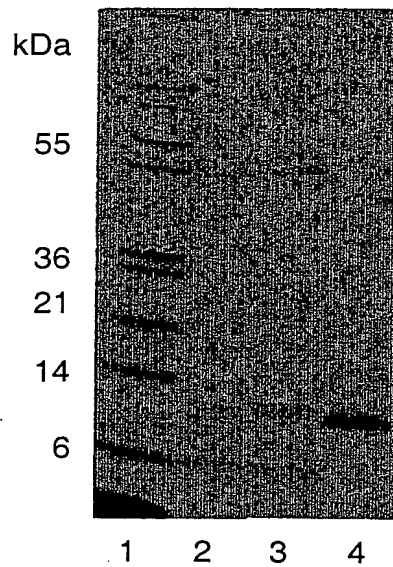
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**Figure 1**



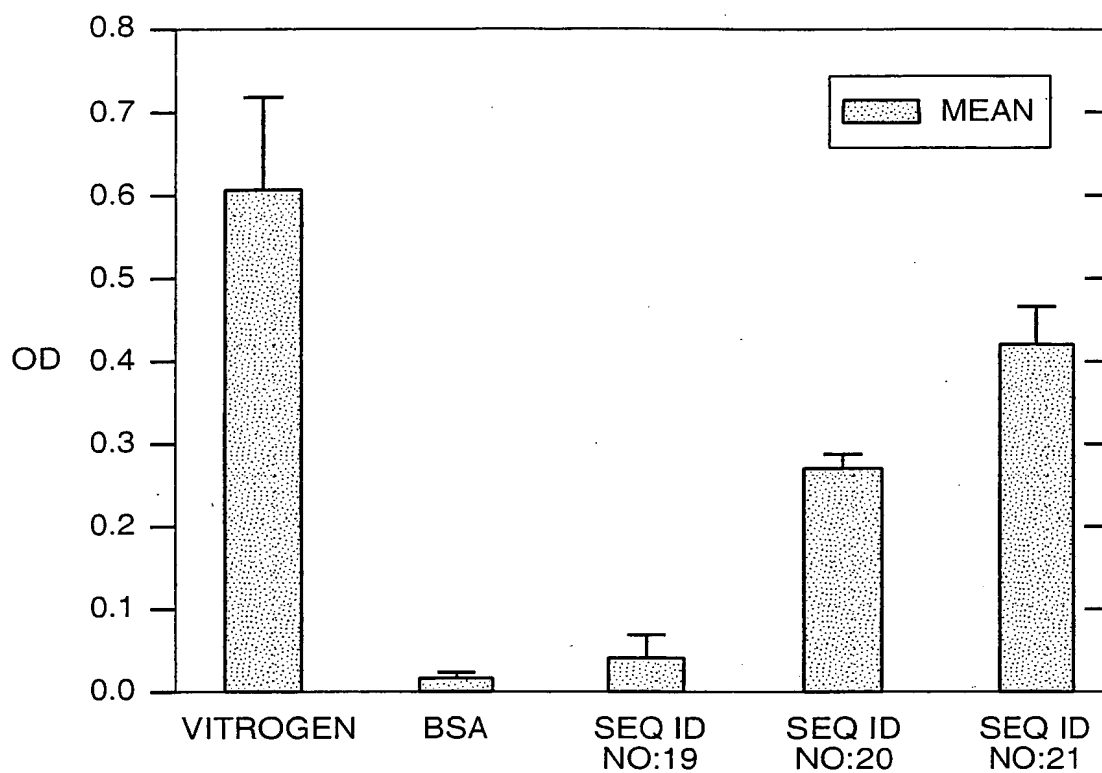
**Figure 3**



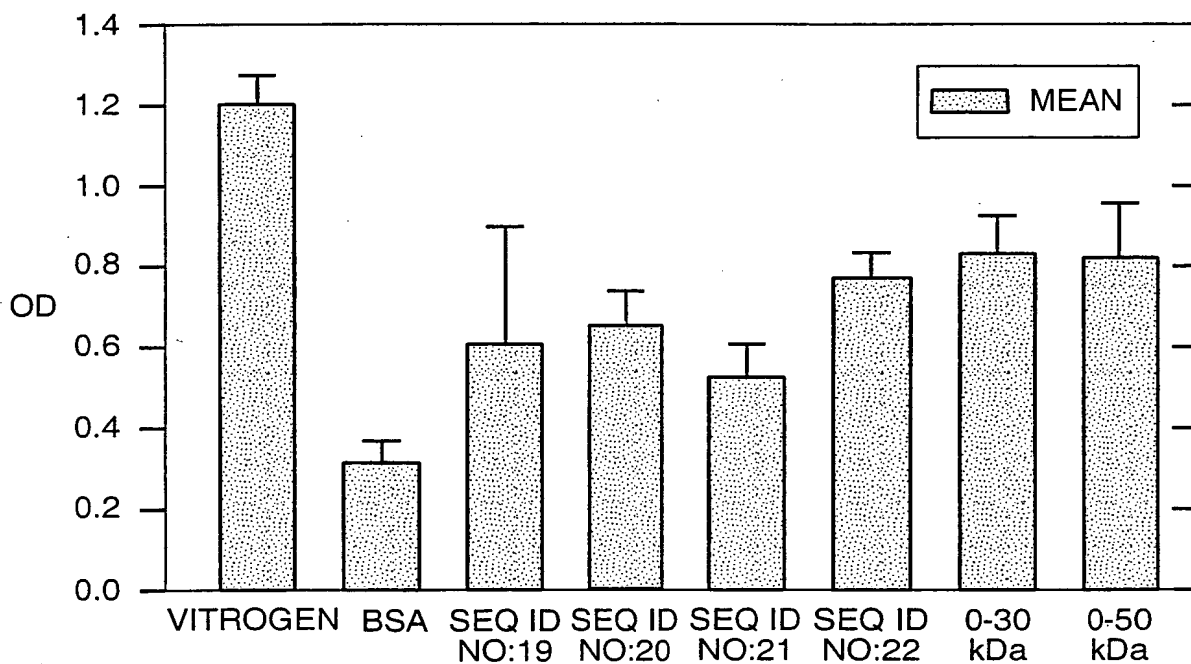
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**Figure 2A**



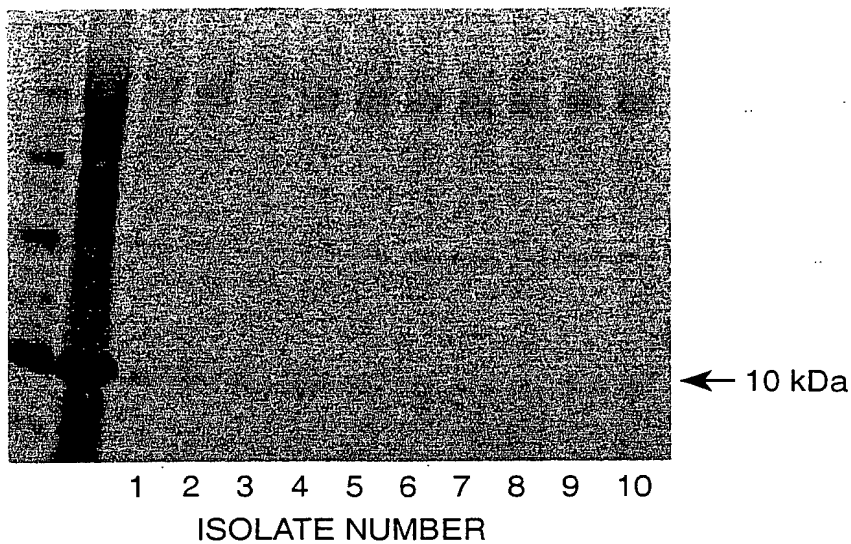
**Figure 2B**

# REPLACEMENT SHEET

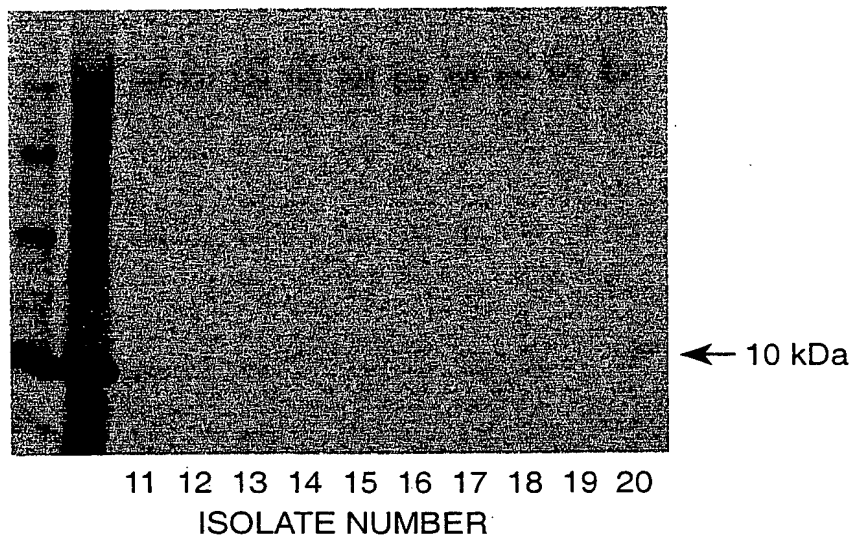
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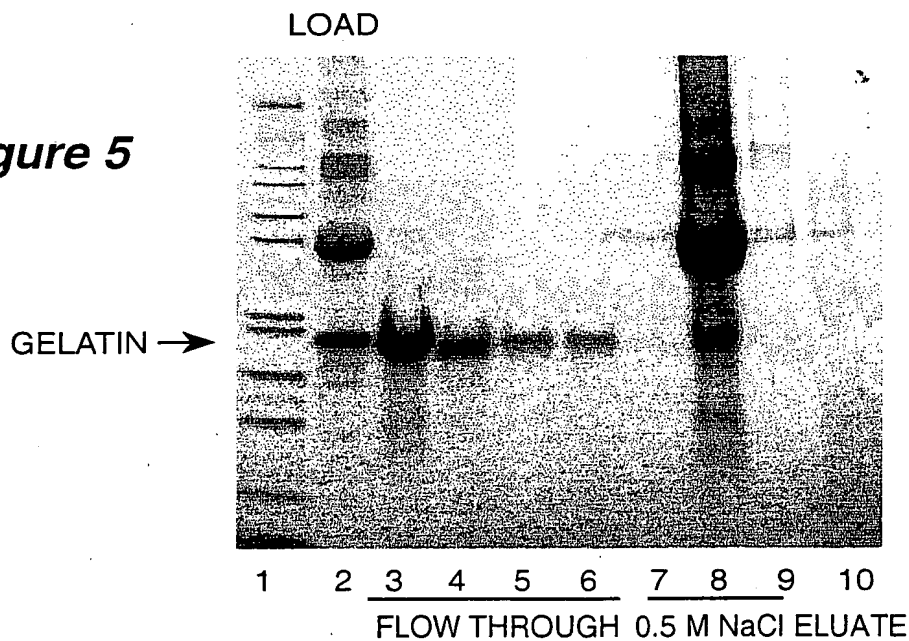
**Figure 4A**



**Figure 4B**



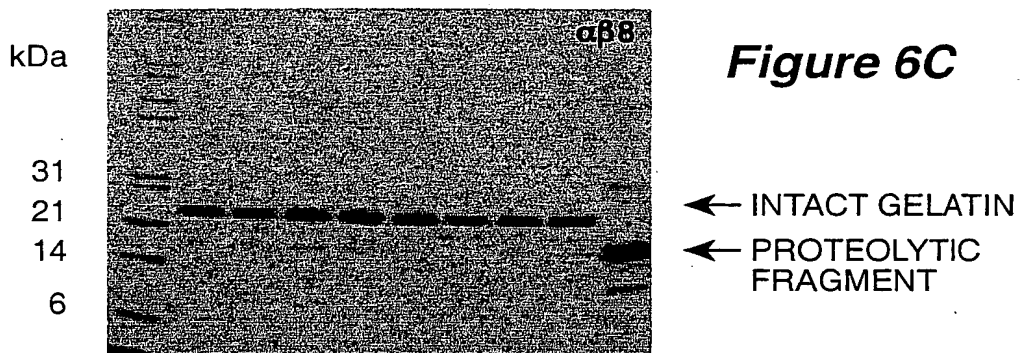
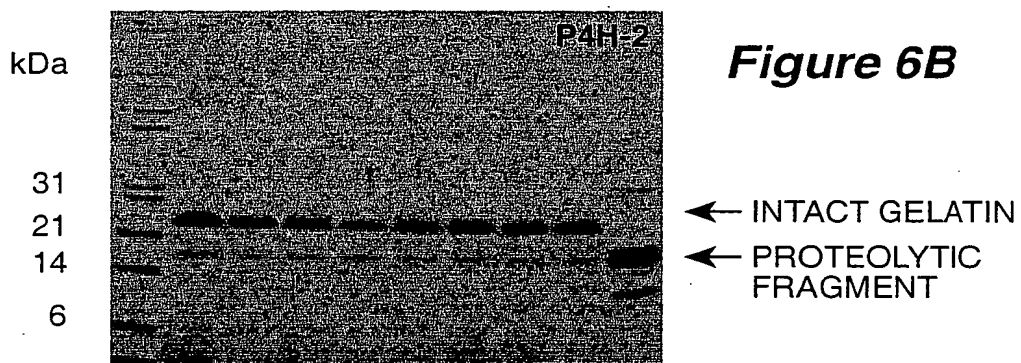
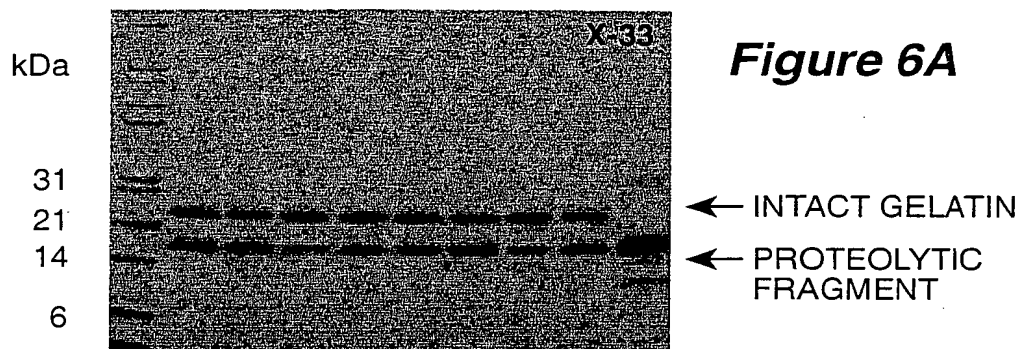
**Figure 5**





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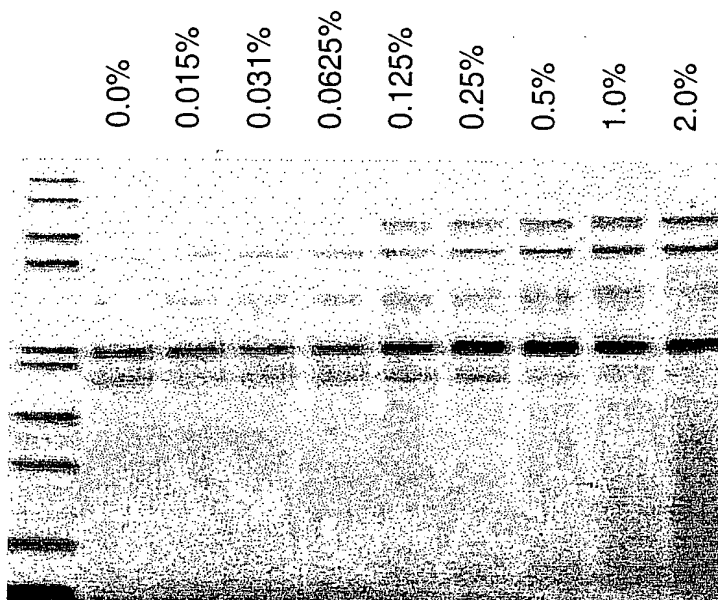
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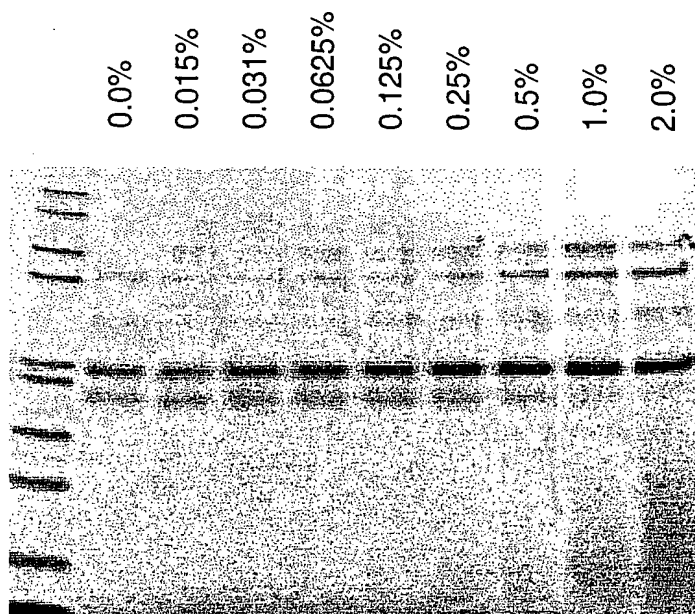
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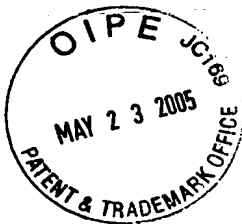
LACTALBUMIN

**Figure 7A**



SOYTOINE

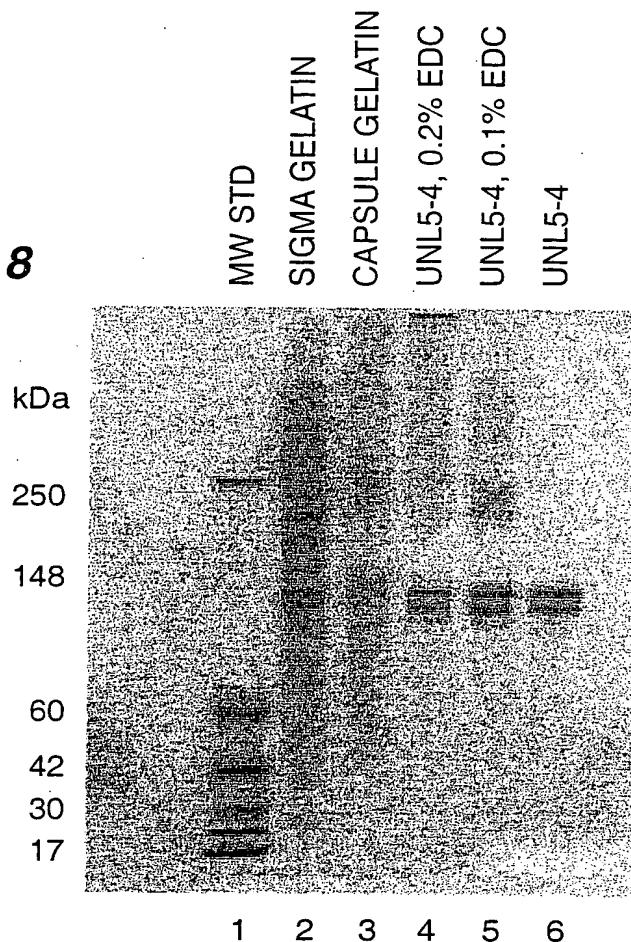
**Figure 7B**



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Figure 8



MW STD  
LEINER DAVIS  
GREAT LAKE  
K & K  
DYNAGEL-1  
DYNAGEL-2  
FIBROGEN

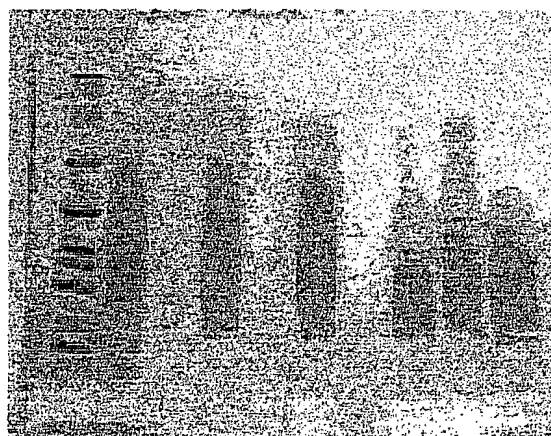
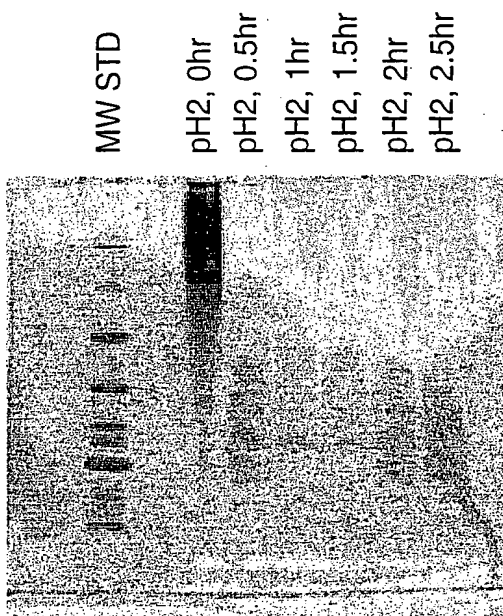


Figure 9

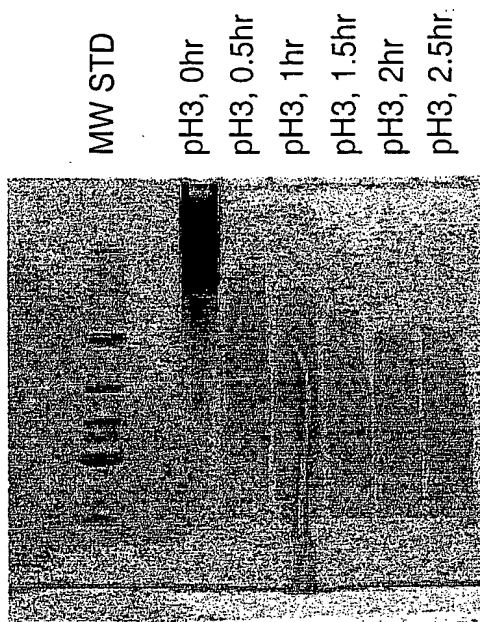


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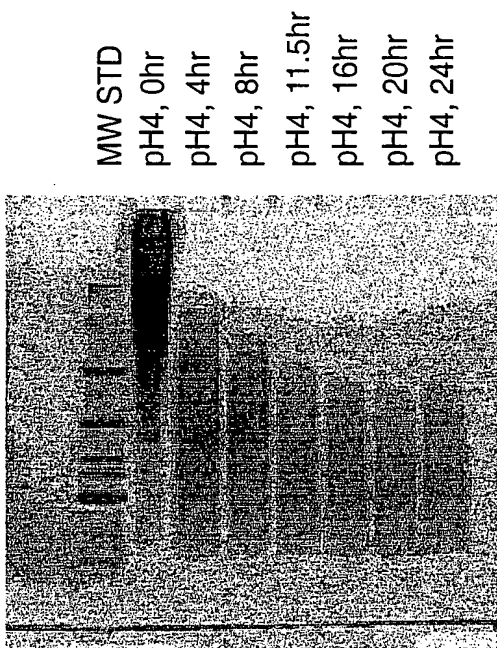
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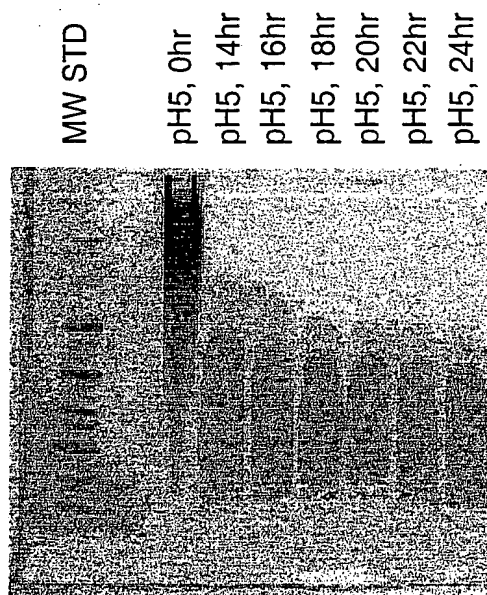
**Figure 10A**



**Figure 10B**



**Figure 10C**



**Figure 10D**





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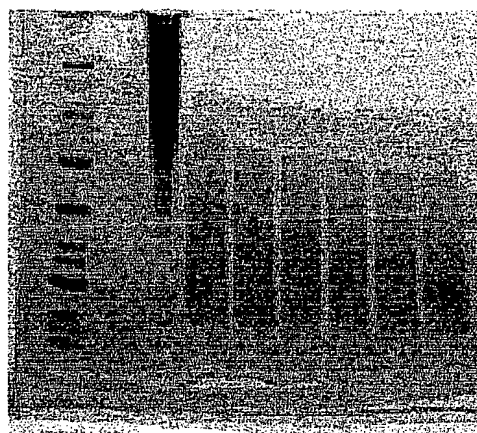
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MW STD  
pH6, 0hr  
pH6, 14hr  
pH6, 16hr  
pH6, 18hr  
pH6, 20hr  
pH6, 22hr  
pH6, 24hr



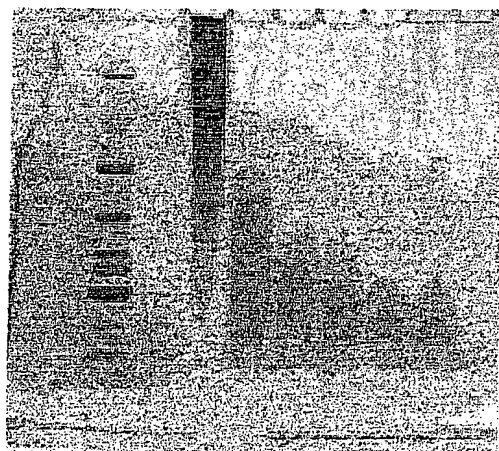
**Figure 10E**

MW STD  
pH7, 0hr  
pH7, 14hr  
pH7, 16hr  
pH7, 18hr  
pH7, 20hr  
pH7, 22hr  
pH7, 24hr



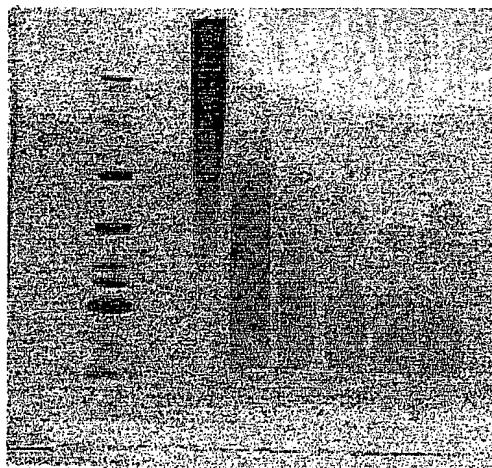
**Figure 10F**

MW STD  
pH4, 0hr  
pH4, 2hr  
pH4, 4hr  
pH4, 6hr  
pH4, 8hr  
pH4, 10hr



**Figure 11A**

MW STD  
pH5, 0hr  
pH5, 2hr  
pH5, 4hr  
pH5, 6hr  
pH5, 8hr  
pH5, 10hr



**Figure 11B**

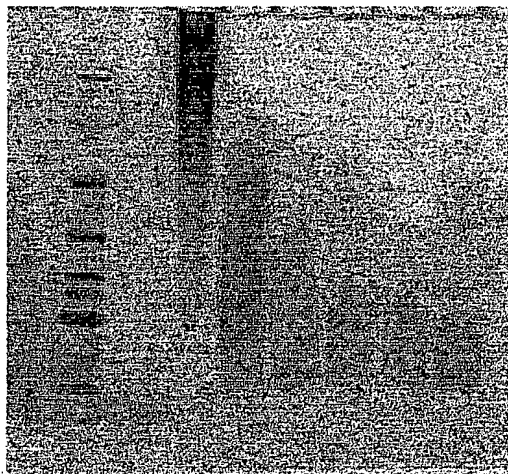




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MW STD  
pH6, 0hr  
pH6, 2hr  
pH6, 4hr  
pH6, 6hr  
pH6, 8hr  
pH6, 10hr



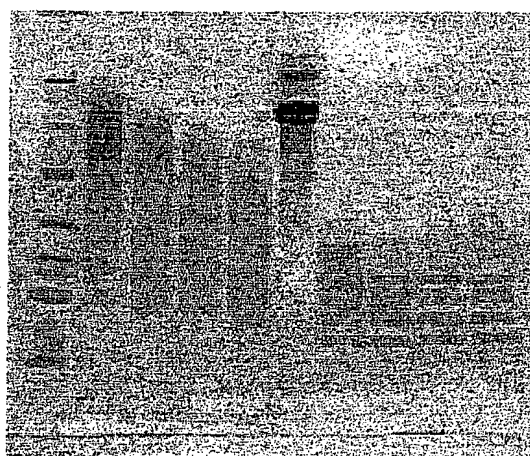
**Figure 11C**

MW STD  
pH7, 0hr  
pH7, 2hr  
pH7, 4hr  
pH7, 6hr  
pH7, 8hr  
pH7, 10hr



**Figure 11D**

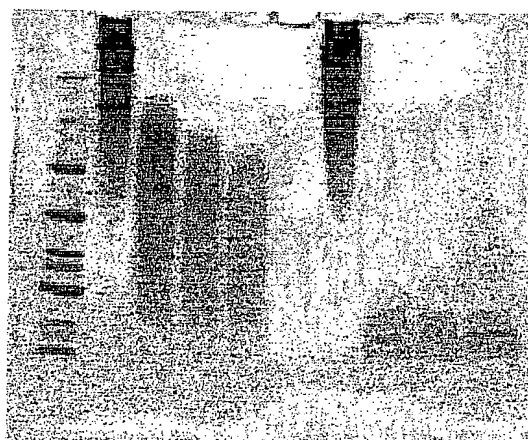
MW STD  
pH7, 2hr  
pH7, 4hr  
pH7, 6hr  
pH7, 8hr  
pH2, 0hr  
pH2, 0.5hr  
pH2, 1hr  
pH2, 2hr  
pH2, 3hr



rh-collagen TYPE I

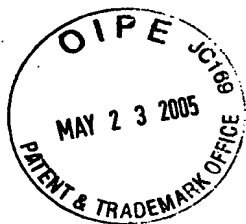
**Figure 12A**

MW STD  
rh-collagen(III)  
pH7, 2hr  
pH7, 4hr  
pH7, 6hr  
rh-collagen(III)  
pH2, 2hr  
pH2, 4hr  
pH2, 6hr



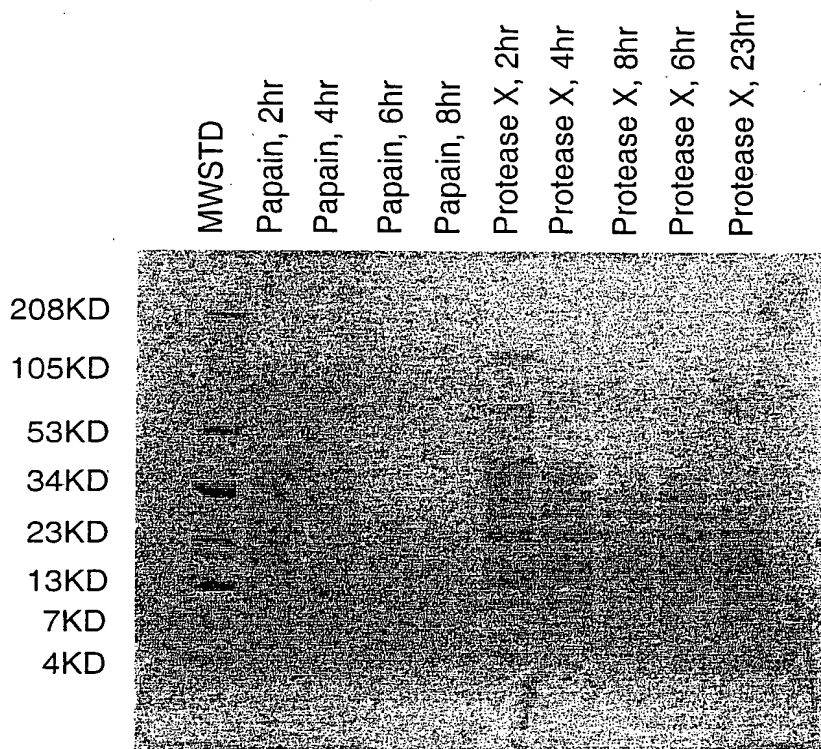
rh-collagen TYPE III

**Figure 12B**

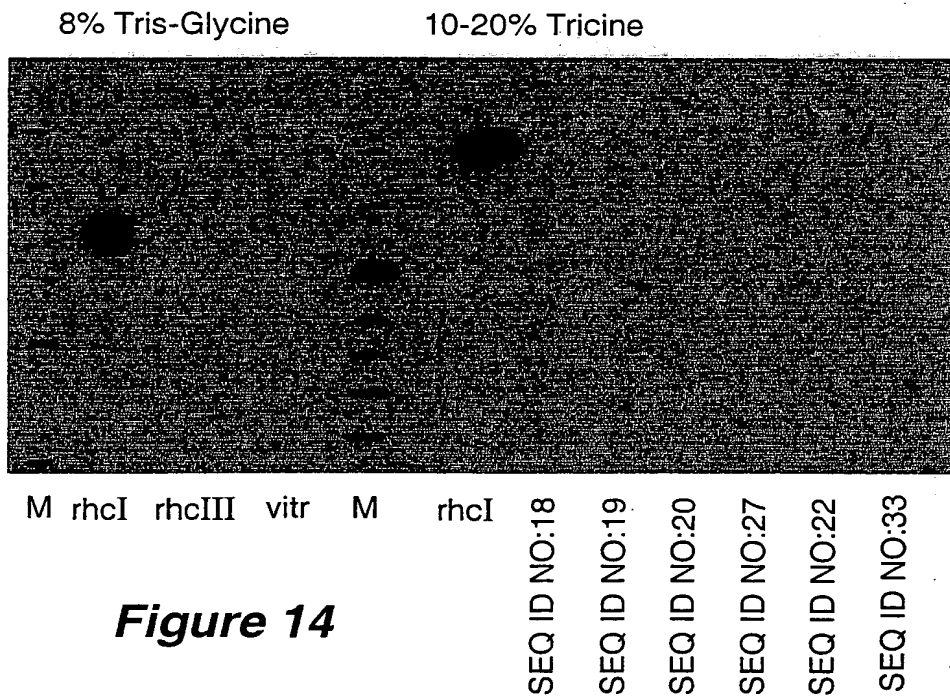


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**Figure 13**



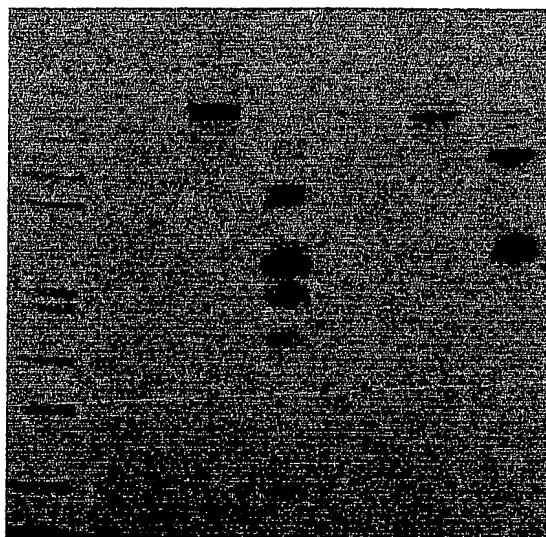
**Figure 14**



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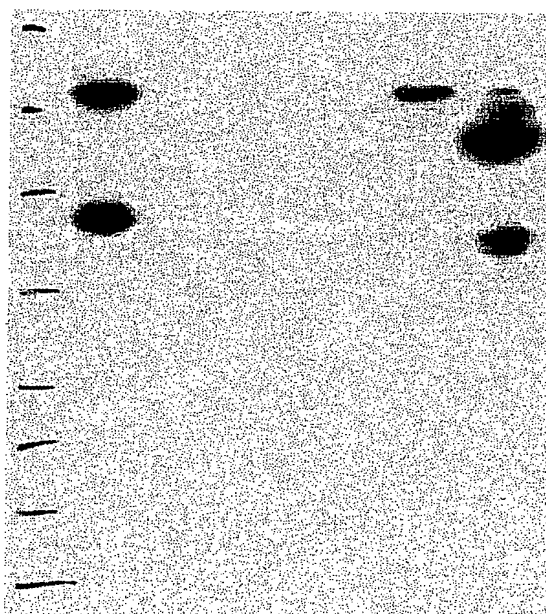
**Figure 15A**



$\alpha 1(I)$   $\alpha 1(I)$   $\alpha 2(I)$   $\alpha 2(I)$   
+CNBr +CNBr

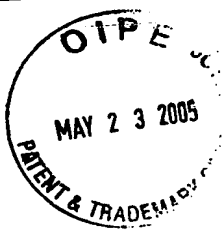
FULL LENGTH  $\alpha 2(I)$   
FRAGMENT OF  $\alpha 2(I)$

**Figure 15B**



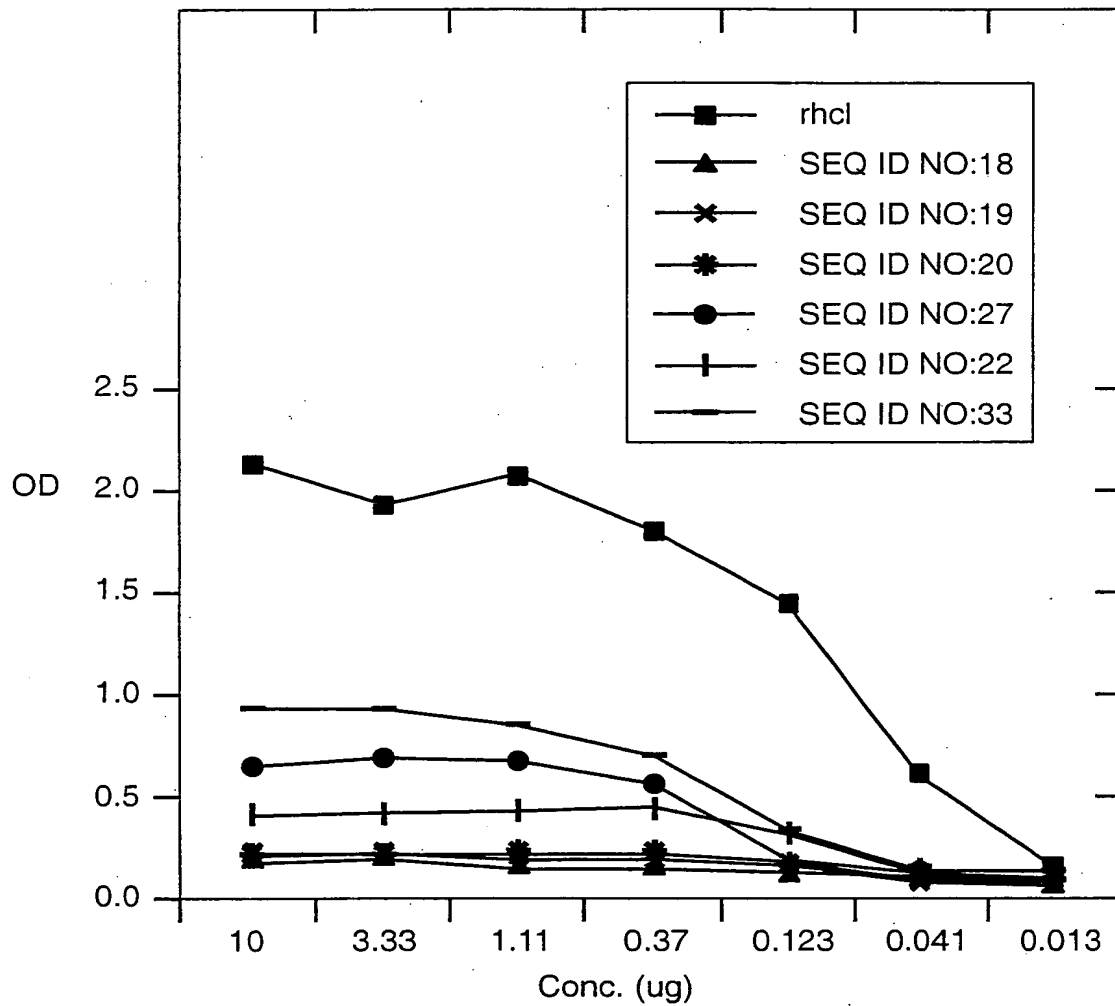
rhcI  $\alpha 1(I)$   $\alpha 1(I)$   $\alpha 2(I)$   $\alpha 2(I)$   
+CNBr +CNBr

$\alpha 2(I)$  CB3+5  
 $\alpha 2(I)$  CB4



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**Figure 16**

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